Installed Power Generation Capacity in Assam

*60. SHRI DWIJENDRA NATH SHARMAH: Will the Minister of POWER be pleased to state:

(a) the present annual installed power generation capacity in the State of Assam and the actual generation in the State with the details thereof during the last three years;

(b) whether it is a fact that there is an acute shortage of power in the State; and

(c) if so, the steps taken by Government in this regard?

THE MINISTER OF POWER (SHRI P.M. SAYEED): (a) The present Installed Power Generation Capacity under State Sector in the State of Assam is 599.30 MW. This comprises 595.19 MW thermal, 2 MW Hydro and 2.11 MW Renewable Energy Sources (RES). In addition, Installed capacity of Private Sector Utilities located in the state is 24.62 MW, comprising 24.5 MW thermal and 0.12 MW RES.

The Power Generation from all of these utilities, during the last three completed financial years *i.e.* 2002-03 to 2004-05 and the current year (April-June, 2005) is given in Statement (*See* below)

(b) The State of Assam experienced an energy shortage of 8.1% and peaking shortage of 11.6% during the current year *i.e.* 2005-06 (April-June, 2005) primarily due to low plant load factor of State owned power stations. Details of the power supply position in Assam during April-June, 2005 are given below:

Energy (MU)		Peak (MW)	
Requirement	912	Peak Demand	691
Availability	838	Peak Met	611
Shortage	74	Shortage	80
Shortage (%)	8.1	Shortage (%)	11.6

(c) Electricity being a concurrent subject, supply & Distribution of electricity in a State is within the purview of the State Government/State Power Utility concerned. The Central Government supplement the efforts of State Government by setting up power plants in the Central Sector through Central Public Sector Undertakings in which States have entitlements. Following steps have been taken by the Government to improve the power supply position in the State:—

(i) As per 10th Plan target, 138 MW generating capacity the State/ Private Sector is envisaged to be commissioned in the State of Assam. In addition, Assam State will have entitlements in power projects under Central Sector which are likely to be commissioned during the 10th Plan.

(ii) Under the Accelerated Power Development and Reforms Programme (APDRP) launched by the Government of India for improvement of sub-transmission and distribution system. projects amounting to Rs.408.54 crores have been sanctioned and Rs.96.97 crores have been released to Assam. Assam Government has utilized only Rs.44.97 crores as on 31.05.2005. The schemes under this scheme have been taken up by the ASEB in Circles at Dibrugarh, Guwahati_II, Jorhat, Cachhar-I, Sibsagar, Guwahati-I, Nagaon, Rangia, Tezpur, Cachhar-II, Mangoldoi & Kokarajhar.

(iii) Expediting commissioning of on-going schemes of Central Generating Companies in the North Eastern Region (NER).

(iv) Facilitating export of power from surplus regions to deficit regions.

(v) Reduction in Transmission & Distribution losses in the Region.

(vi) Renovation, Modernization and Life-Extension programme of Bongaigaon Thermal Power Station (TPS), Chandrapur TPS, Lakwa TPS and Namrup TPS.

Statement

Assam Power Generation/Programme/PLF for the last three year and current year (Sector-wise

Sector	Type	Name of Station	Capacity (MW) as On 31-03-05	2002-03 Prog. (MU)	2002-03 Actual (MU)	2002-03 PLF (%)	2003-04 Prog. (MU)	2003-04 Actual MU)	2003-04 PLF (%)	2004-05 Prog. (MU)	2004-05 Actual (MU)	2004-05 PLF (%)	April 05 To June 05 (prov.) Prog. (MU)	April 05 To June 05 (prov.) Actual (MU)	April 05 To June 05 (prov.) PLF (%)
State	Diesel	S.E.B.*	20.69												
	Diesel Total		20.69												
	Gas	Baloki (Mobile gas TG)	9	0	0	0	0	0	0	0	0	0	0	0	0
		Kothalguri (Mobile gas TG)	12	0	0	0	0	0	0	0	0	0	0	0	0
		Lakwa	120	400	333	@	360	320	30.4	425	312.45	29.7	74	92.18	35.2
		Namrup	81.5	420	410	35.1	263	334	46.7	328	362.36	50.8	65	94.76	53.2
		Wasteheat (Namrup)	22	@	@	@	61	53	27.4	87	80.45	41.7	17	11.08	23.1
	Gas Total		244.5	820	743		684	707	32.9	840	755.26	35.3	156	198.02	37.1
	Hydro	Bordikharu*	2												
	Hydro Total		2												
	Steam	Borigaigaon	240	50	0	0	0	0	0	0	0		0	0	
		Chandrapur	60	0	0	0	0	0	0	0	0		0	0	
		Namrup	30	@	@	@	126	0	0	60	0.13	0	29	7.28	11.1
	Steam Total		330	50	0		126	0	0	60	0.13	0	29	7.28	1
	Renewable Energy Soources Total*		2.11												
State Sector Total			599.3	870	743		810	707		900	755.39		185	205.3	
Private Gas		Adamtilla GT	9												
		Baskhandi GT (DLF Power Co.)	15.5	180	141		180	125		192	136.33		34	31.05	
	Gas Total		24.5	180	141		180	125		192	136.33		34	31.05	
		Renewable Energy Sources Total*	0.12												
Private Total			24.62	180	141		180	125		192	136.33		34	31.05	
Assam Total including RES, Private utilities			623.92	1050	884		990	832		1092	891.72		219	236.35	

*Generation & PLF not monitered.
@Parameters were combined with Namrup Gas (81.5MW)